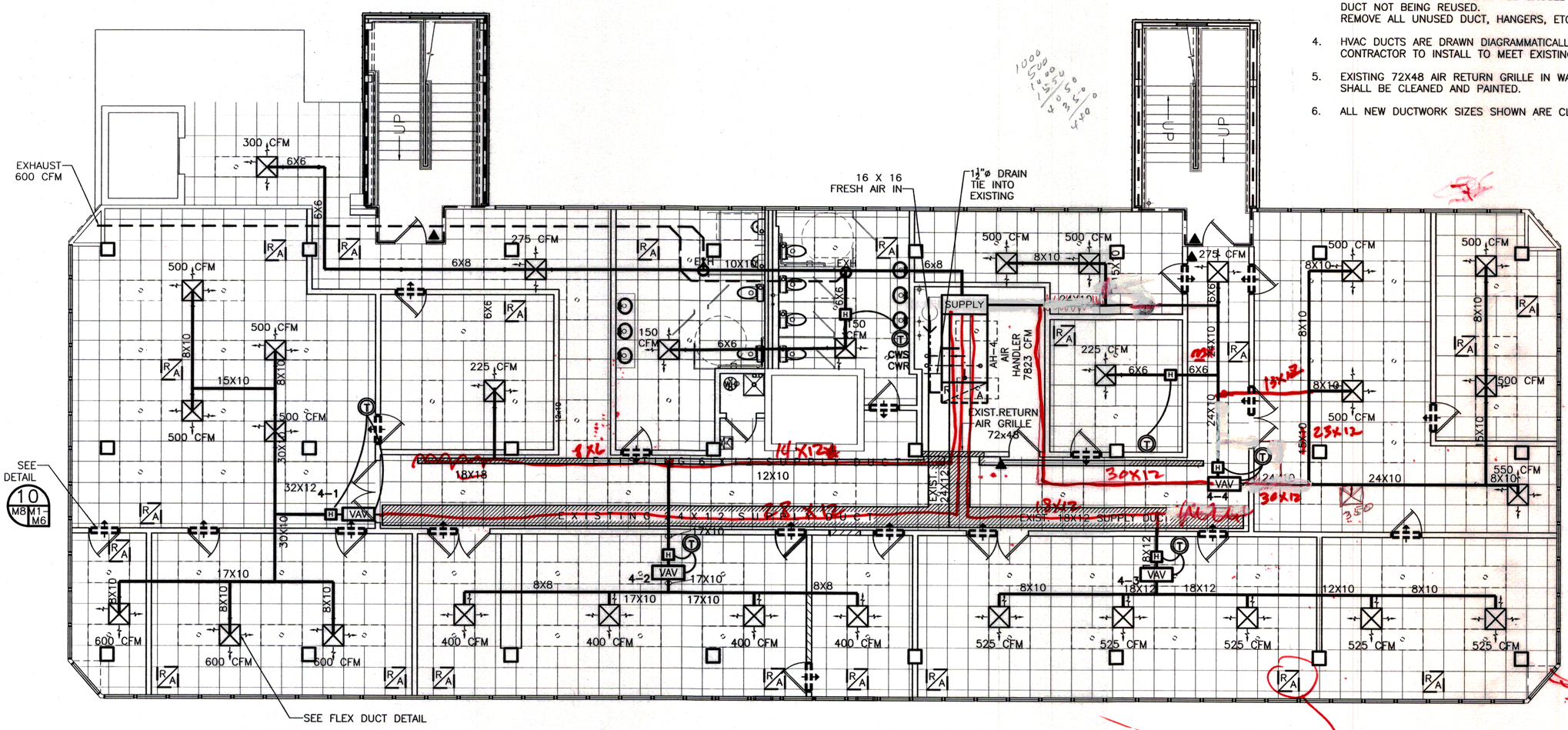
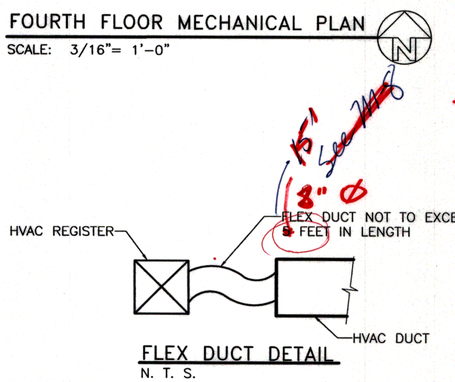
NOTES:
1. EACH ROOM TO HAVE AN OPENING BETWEEN ROOM CEILING SPACE AND HALL CEILING FOR RETURN AIR (32X12, TYP).
2. EXISTING DUCTWORK TO BE REUSED SHALL BE CLEANED PRIOR TO USAGE. SEE SPECIFICATIONS.
3. PORTIONS OF DUCTWORK NOT SHOWN AS BEING REUSED SHALL BE REMOVED, CLEANED AND REUSED IN OTHER LOCATIONS CALLING FOR THAT DUCT SIZE OR SMALLER. INSTALL CLOSURE PLATES AT ALL UNUSED OPENINGS IN DUCT NOT BEING REUSED. REMOVE ALL UNUSED DUCT, HANGERS, ETC. WHEN COMPLETE.
4. HVAC DUCTS ARE DRAWN DIAGRAMMATICALLY. CONTRACTOR TO INSTALL TO MEET EXISTING CONDITIONS.
5. EXISTING 72X48 AIR RETURN GRILLE IN WALL OF MECHANICAL ROOM SHALL BE CLEANED AND PAINTED.
6. ALL NEW DUCTWORK SIZES SHOWN ARE CLEAR INSIDE DIMENSIONS.



FOURTH FLOOR MECHANICAL PLAN
SCALE: 3/16"= 1'-0"



FLEX DUCT DETAIL
N. T. S.

LEGEND
- EXISTING HVAC SUPPLY DUCT
- NEW HVAC SUPPLY DUCT
- HVAC AIR REGISTER 24 X 24
- RETURN AIR REGISTER TITUS #TMSA-AA 24/24 500 FPM MECH. VEL., TOT. PRESS. .032" H2O (ROOM TO CEILING)
- RETURN AIR CASED OPENING IN WALL (ROOM TO CEILING)
- THERMOSTAT
- ELECTRIC DUCT HEATER
- RETURN VAV — VARIABLE AIR VOLUME DAMPER
- EXH — EXHAUST BLOWER

REVISED: 04-09-07ab
REVISED: 03-30-07ab
REVISED: 03-22-07

4TH FLOOR HVAC EQUIPMENT- VAV

		COOLING BTU/H				HEATING		
ROOM	VAV NO.	SEN	LAT	TOTAL	CFM	BTU	KW	CARRIER BYPASS VAV
CORR.	4-1	103,125	15,048	118,173	3800	38,100	11.2	35K-18
414	4-2	42,046	6,692	48,738	1600	16,824	4.9	35K-12
416	4-3	69,750	9,558	79,308	2,625	23,079	6.8	35K-14
CORR.	4-4	104,298	12,998	~~116,946~~ 117,296	~~2560~~ 4400	20,840	8.5	~~35K-16~~ 18

4TH FLOOR MECHANICAL PLAN

RENOVATE OFFICE BUILDING

ST. TAMMANY PARISH ADMIN. COMPLEX
520 OLD SPANISH TRAIL
SLIDELL, LOUISIANA

DAMMON ENGINEERING, INC.
1095 FLORIDA AVENUE 985-649-5832 SLIDELL, LA. 70458
DAMMONENGINEERING.COM

SCALE:AS NOTED
FILE:
JOB NO. 1729
DATE:12-07-06
SHEET M-4
OF need 4-11